

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A mobile phone antenna, comprising:
a first conductive radiation element that is formed in a sheet metal conductor and resonates at a predetermined resonance frequency;
a second conductive radiation element that is formed in the sheet metal conductor and resonates at the predetermined resonance frequency; and
a ground that is connected through a conductive ground connector with said second conductive radiation element;
wherein said ground is placed such that said ground is not opposed to said first and second conductive radiation elements, and
wherein said second conductive radiation element functions as a ground.
2. (Original) The mobile phone antenna according to claim 1, further comprising a third conductive radiation element,
wherein said first conductive radiation element resonates at a first resonance frequency and said third conductive radiation element resonates at a second resonance frequency.
3. (Original) The mobile phone antenna according to claim 2, wherein
said third conductive radiation element is disposed at right angle to a surface in which said first and second conductive radiation elements are formed.
4. (Currently Amended) The mobile phone antenna according to claim 2,
wherein

said ground includes: a first ground that is connected through said conductive ground connector with said second conductive radiation element; and a second ground that is connected through a conductive inter-ground connector with said first ground, said second ground being capable of rotating in the range of a predetermined angle from a position that said second ground faces in parallel to said first ground; and

said conductive inter-ground connector is positioned under said second conductive radiation element when said second ground rotates by said predetermined angle.

5. (Original) The mobile phone antenna according to claim 1, wherein said second conductive radiation element includes a coupling adjuster that extends parallel to said first conductive radiation element while having a predetermined clearance with said first conductive radiation element;

said coupling adjuster has a length, a width and said clearance to be adjusted such that said mobile phone antenna has a predetermined resonance frequency and bandwidth.

6. (Original) The mobile phone antenna according to claim 5, wherein said clearance is set 2mm or less.

7. (Original) The mobile phone antenna according to claim 2, wherein said second conductive radiation element includes: a first coupling adjuster that extends parallel to said first conductive radiation element while having a first clearance with said first conductive radiation element; and a second coupling adjuster that extends parallel to said third radiation element while having a second clearance with said third conductive radiation element; and

said first and second coupling adjusters have a length, a width and said first and second clearances to be adjusted such that said mobile phone antenna has a predetermined resonance frequency and bandwidth.

8. (Original) The mobile phone antenna according to claim 7, wherein said first and second clearances are set 2mm or less.

9. (Currently Amended) A mobile phone antenna for folding type mobile phone with a pair of housings foldable, comprising:

a first ground that is installed in one of said pair of housings;

a second ground that is installed in the other of said pair of housings, said second ground being connected through a conductive inter-ground connector with said first ground;

first and second conductive radiation elements that are disposed at a position where said first and second conductive radiation elements are not opposed to said first and second ground, said first and second conductive radiation element resonating at a predetermined resonance frequency; and

a conductive ground connector that electrically connects said first ground with said second conductive radiation element,

wherein said second conductive radiation element functions as a ground.

10. (New) The mobile phone antenna according to claim 4, wherein said conductive inter-ground connector has a first bend portion at a first end thereof, a straight middle portion, and a second bend portion at a second end thereof, and

wherein the first bend portion is directly connected to said first ground and said second bend portion is directly connected to said second ground.

11. (New) The mobile phone antenna according to claim 10, wherein the first ground is a board ground and the second ground is an LCD ground.

12. (New) The mobile phone antenna according to claim 3, wherein the third conductive radiation element has an L-shape that is inverted with respect to said first conductive radiation element that also has an L-shape.

13. (New) The mobile phone antenna according to claim 9, wherein said conductive ground connector has a first bend portion at a first end thereof, a straight middle portion, and a second bend portion at a second end thereof, and

wherein the first bend portion is directly connected to said first ground and said second bend portion is directly connected to said second ground.